

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 09:42:54 ON 10 MAR 2003
FILE 'CAPLUS' ENTERED AT 09:42:54 ON 10 MAR 2003
COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.43	6.14

=> file registry

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.84	6.55

FILE 'REGISTRY' ENTERED AT 09:43:39 ON 10 MAR 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 9 MAR 2003 HIGHEST RN 497220-90-3
DICTIONARY FILE UPDATES: 9 MAR 2003 HIGHEST RN 497220-90-3

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

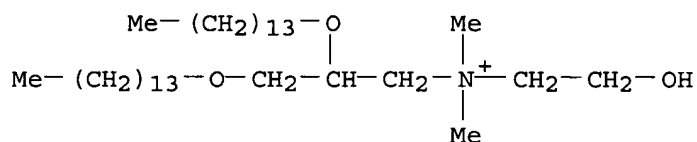
Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> s dmrie/cn

L13 1 DMRIE/CN

=> d l13

L13 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
RN 153312-64-2 REGISTRY
CN 1-Propanaminium, N-(2-hydroxyethyl)-N,N-dimethyl-2,3-bis(tetradecyloxy)-,
bromide (9CI) (CA INDEX NAME)
OTHER NAMES:
CN **DMRIE**
CN N-[1-(2,3-Ditetradecyloxy)propyl]-N,N-dimethyl-N-hydroxyethylammonium
bromide
DR 146659-77-0
MF C35 H74 N O3 . Br
CI COM
SR CA
LC STN Files: BIOSIS, CA, CANCERLIT, CAPLUS, IPA, MEDLINE, TOXCENTER,
USPATFULL
CRN (191980-81-1)



114 REFERENCES IN FILE CA (1962 TO DATE)
 6 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 114 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> s dorie/cn

L14 2 DORIE/CN

=> d l14 1-2

L14 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2003 ACS

RN 153985-22-9 REGISTRY

CN 1-Propanaminium, N-(2-hydroxyethyl)-N,N-dimethyl-2,3-bis[[(9Z)-1-oxo-9-octadecenyl]oxy]- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Propanaminium, N-(2-hydroxyethyl)-N,N-dimethyl-2,3-bis[(1-oxo-9-octadecenyl)oxy]-, (Z,Z)-

OTHER NAMES:

CN DORIE

FS STEREOSEARCH

DR 139191-30-3

MF C43 H82 N O5

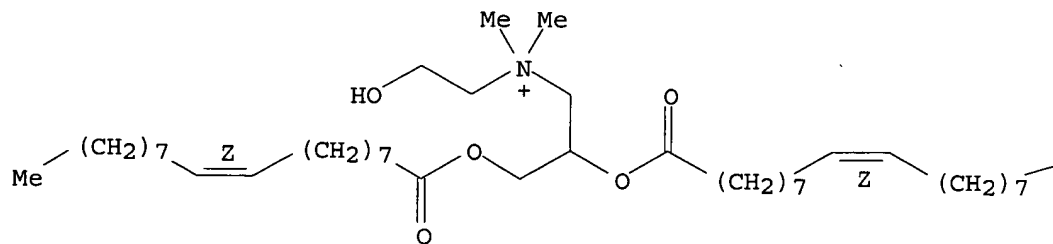
CI COM

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Double bond geometry as shown.

PAGE 1-A



PAGE 1-B

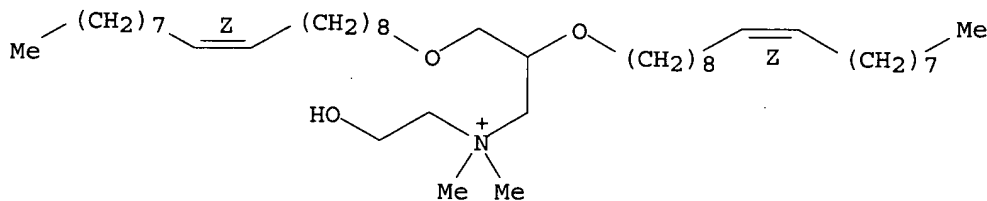
—Me

—Me

8 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 8 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L14 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2003 ACS
 RN 153312-60-8 REGISTRY
 CN 1-Propanaminium, N-(2-hydroxyethyl)-N,N-dimethyl-2,3-bis[(9Z)-9-octadecenyl]-, bromide (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1-Propanaminium,
 N-(2-hydroxyethyl)-N,N-dimethyl-2,3-bis(9-octadecenyl)-
 , bromide, (Z,Z)-
 OTHER NAMES:
 CN DORIE
 FS STEREOSEARCH
 MF C43 H86 N O3 . Br
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
 CRN (153985-18-3)

Double bond geometry as shown.



● Br⁻

4 REFERENCES IN FILE CA (1962 TO DATE)
 4 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> s dotma/cn
 L15 1 DOTMA/CN

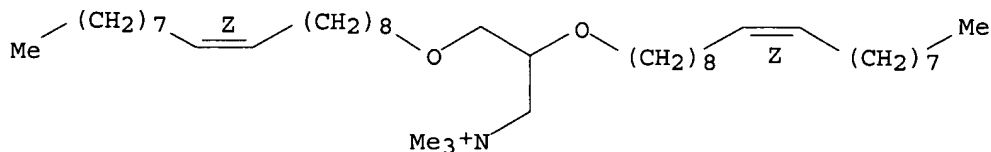
=> s ddab/cn
 L16 3 DDAB/CN

=> d l15

L15 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
 RN 104162-48-3 REGISTRY
 CN 1-Propanaminium, N,N,N-trimethyl-2,3-bis[(9Z)-9-octadecenyl]-, chloride

(9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1-Propanaminium, N,N,N-trimethyl-2,3-bis(9-octadecenyl-oxy)-, chloride,
 (Z,Z)-
 OTHER NAMES:
 CN **DOTMA**
 CN N-[1-(2,3-Dioleoyloxy)propyl]-N,N,N-trimethylammonium chloride
 FS STEREOSEARCH
 DR 104805-61-0, 375346-70-6
 MF C42 H84 N O2 . Cl
 CI COM
 SR CA
 LC STN Files: ADISNEWS, AGRICOLA, BIOBUSINESS, BIOSIS, CA, CANCERLIT,
 CAPLUS, CHEMCATS, CIN, MEDLINE, PROMT, TOXCENTER, USPAT2, USPATFULL
 CRN (122342-03-4)

Double bond geometry as shown.



● Cl⁻

191 REFERENCES IN FILE CA (1962 TO DATE)
 14 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 191 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> d l16 1-3

L16 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2003 ACS
 RN 3700-67-2 REGISTRY
 CN 1-Octadecanaminium, N,N-dimethyl-N-octadecyl-, bromide (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Ammonium, dimethyldioctadecyl-, bromide (8CI)
 CN Dimethyldioctadecylammonium bromide (6CI, 7CI)
 OTHER NAMES:
 CN Bis(octadecyl)dimethylammonium bromide
 CN **DDAB**
 CN Di-n-octadecyldimethylammonium bromide
 CN Dimethyldistearylammmonium bromide
 CN Dioctadecanyldimethylammonium bromide
 CN Dioctadecyldimethylammonium bromide
 CN Distearlyldimethylammonium bromide
 CN DODA(Br)
 CN DODAB
 CN DSDMAB
 CN GERBU Adjuvant 10
 CN GERBU Adjuvant 100
 DR 134821-46-8
 MF C38 H80 N . Br
 CI COM

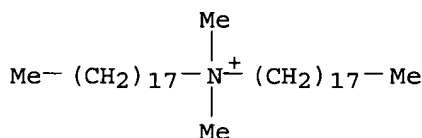
LC STN Files: ADISNEWS, AGRICOLA, BEILSTEIN*, BIOBUSINESS, BIOSIS,
BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHM,
DETERM*, EMBASE, GMELIN*, IPA, MSDS-OHS, PROMT, TOXCENTER, USPAT2,
USPATFULL

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

CRN (14357-21-2)



● Br⁻

819 REFERENCES IN FILE CA (1962 TO DATE)

25 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

822 REFERENCES IN FILE CAPLUS (1962 TO DATE)

3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L16 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2003 ACS

RN 3282-73-3 REGISTRY

CN 1-Dodecanaminium, N-dodecyl-N,N-dimethyl-, bromide (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Ammonium, didodecyldimethyl-, bromide (8CI)

CN Didodecyldimethylammonium bromide (7CI)

OTHER NAMES:

CN Bis(dodecyl)dimethylammonium bromide

CN Bis(n-dodecyl)dimethylammonium bromide

CN **DDAB**

CN Di-n-dodecyldimethylammonium bromide

CN Dilauryldimethylammonium bromide

CN Dimethyldidodecylammonium bromide

CN Dimethyldilaurylammonium bromide

MF C26 H56 N . Br

CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*,
BIOBUSINESS,

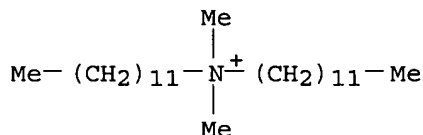
BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMLIST, CSCHM,
DETERM*, GMELIN*, IFICDB, IFIPAT, IFIUDB, IPA, MSDS-OHS, PROMT,
TOXCENTER, USPATFULL

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

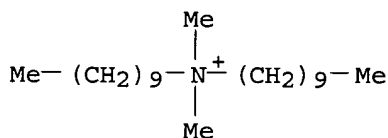
CRN (13146-86-6)



● Br⁻

692 REFERENCES IN FILE CA (1962 TO DATE)
 23 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 694 REFERENCES IN FILE CAPLUS (1962 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L16 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2003 ACS
 RN 2390-68-3 REGISTRY
 CN 1-Decanaminium, N-decyl-N,N-dimethyl-, bromide (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Ammonium, didecyldimethyl-, bromide (8CI)
 CN Didecyl dimethyl ammonium bromide (6CI, 7CI)
 OTHER NAMES:
 CN Bromosept
 CN **DDAB**
 CN Deciquam
 CN Deciquam 222
 MF C22 H48 N . Br
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA,
 CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CSCHEM,
 GMELIN*, IFICDB, IFIPAT, IFIUDB, PROMT, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 CRN (20256-56-8)



● Br⁻

214 REFERENCES IN FILE CA (1962 TO DATE)
 9 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 214 REFERENCES IN FILE CAPLUS (1962 TO DATE)
 12 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s dope/cn
 L17 2 DOPE/CN

=> d 117 1-2

L17 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2003 ACS

RN 4004-05-1 REGISTRY

CN 9-Octadecenoic acid (9Z)-,

(1R)-1-[[[(2-aminoethoxy)hydroxyphosphinyl]oxy]
methyl]-1,2-ethanediyl ester (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 9-Octadecenoic acid (Z)-,

1-[[[(2-aminoethoxy)hydroxyphosphinyl]oxy]methyl
]-1,2-ethanediyl ester, (R)-

CN Ethanol, 2-amino-, dihydrogen phosphate (ester), monoester with
1,2-diolein, L- (8CI)

CN Olein, 1,2-di-, 2-aminoethyl hydrogen phosphate, L- (8CI)

OTHER NAMES:

CN 1,2-Dioleoyl-sn-glycero-3-phosphatidylethanolamine

CN 1,2-Dioleoyl-sn-glycero-3-phosphoethanolamine

CN 1,2-Dioleoyl-sn-glycero-3-phosphoethanolamine

CN 1,2-Dioleoyl-sn-glycero-3-phosphorylethanolamine

CN Dioleoyl-L-.alpha.-phosphatidylethanolamine

CN Dioleoylphosphatidylethanolamine

CN **DOPE**

CN L-.alpha.-Dioleoylphosphatidylethanolamine

FS STEREOSEARCH

DR 143062-82-2

MF C41 H78 N O8 P

CI COM

LC STN Files: AGRICOLA, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CAOLD,
CAPLUS,

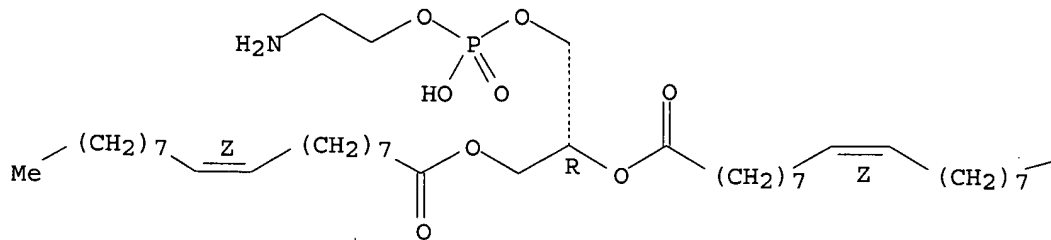
CASREACT, CHEMCATS, CSCHEM, PROMT, TOXCENTER, USPATFULL

(*File contains numerically searchable property data)

Absolute stereochemistry.

Double bond geometry as shown.

PAGE 1-A



PAGE 1-B

—Me

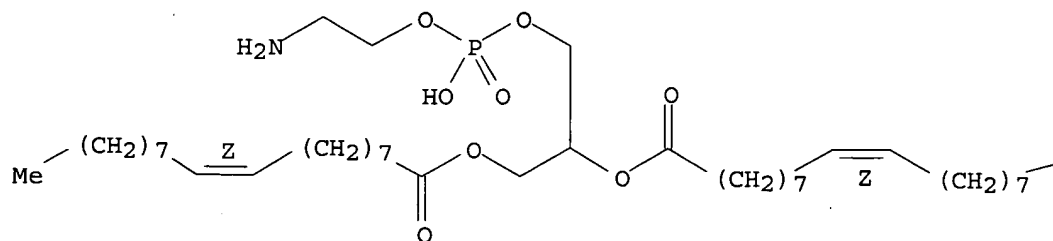
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

524 REFERENCES IN FILE CA (1962 TO DATE)
 15 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 530 REFERENCES IN FILE CAPLUS (1962 TO DATE)
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L17 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2003 ACS
 RN 2462-63-7 REGISTRY
 CN 9-Octadecenoic acid (9Z)-,
 1-[[[(2-aminoethoxy)hydroxyphosphinyl]oxy]methy
 l]-1,2-ethanediyl ester (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 9-Octadecenoic acid (Z)-,
 1-[[[(2-aminoethoxy)hydroxyphosphinyl]oxy]methyl
]-1,2-ethanediyl ester
 CN Ethanol, 2-amino-, dihydrogen phosphate (ester), monoester with
 1,2-diolein (8CI)
 CN Olein, 1,2-di-, 2-aminoethyl hydrogen phosphate (8CI)
 CN Olein, 1,2-di-, dihydrogen phosphate, 2-aminoethyl ester (7CI)
 CN Olein, 1,2-di-, phosphate, 2-aminoethyl ester (6CI)
 OTHER NAMES:
 CN 1,2-Dioleoyl phosphatidyl ethanolamine
 CN Dioleoyl (glycerophospho)ethanolamine
 CN Dioleoyl phosphatidylethanolamine
 CN DL-Dioleoylphosphatidylethanolamine
 CN **DOPE**
 CN LipofectACE
 FS STEREOSEARCH
 DR 159317-98-3, 5683-54-5
 MF C41 H78 N O8 P
 CI COM
 LC STN Files: AGRICOLA, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA,
 CANCERLIT, CAOLD, CAPLUS, CSCHEM, EMBASE, IPA, MEDLINE, PROMT,
 TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)

Double bond geometry as shown.

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PAGE 1-B

— Me

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

955 REFERENCES IN FILE CA (1962 TO DATE)
47 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
956 REFERENCES IN FILE CAPLUS (1962 TO DATE)
19 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s dspe/cn
L18 0 DSPE/CN

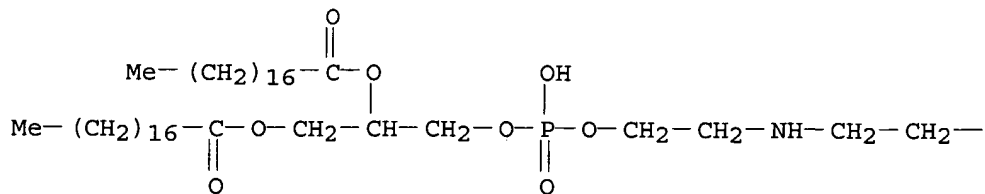
=> s dspe
L19 13 DSPE

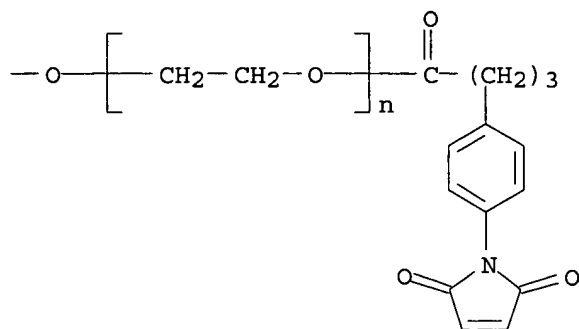
=> s l19 and peg
196 PEG
L20 4 L19 AND PEG

=> d 1-4

L20 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2003 ACS
RN 319491-61-7 REGISTRY
CN Poly(oxy-1,2-ethanediyl),
.alpha.-[4-[4-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-
yl)phenyl]-1-oxobutyl]-.omega.-[[7-hydroxy-7-oxido-13-oxo-10-[(1-
oxooctadecyl)oxy]-6,8,12-trioxa-3-aza-7-phosphatriacont-1-yl]oxy]- (9CI)
(CA INDEX NAME)
OTHER NAMES:
CN **DSPE-PEG-MPB**
MF (C2 H4 O)_n C57 H97 N2 O12 P
CI PMS
PCT Polyether
SR CA
LC STN Files: CA, CAPLUS

PAGE 1-A



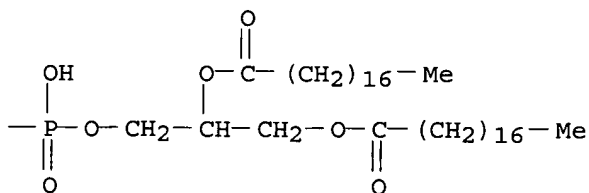
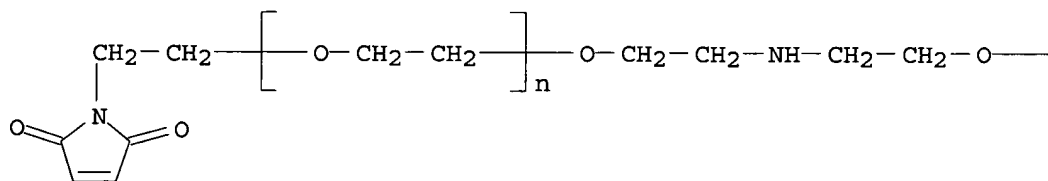


1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L20 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2003 ACS
RN 208044-76-2 REGISTRY
CN Poly(oxy-1,2-ethanediyl), .alpha.-[2-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)ethyl]-.omega.-[[7-hydroxy-7-oxido-13-oxo-10-[(1-oxooctadecyl)oxy]-6,8,12-trioxa-3-aza-7-phosphatriacont-1-yl]oxy]- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN **DSPE-PEG-maleimide**
DR 441788-07-4, 444083-99-2
MF (C2 H4 O)n C49 H91 N2 O11 P
CI PMS
PCT Polyether
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

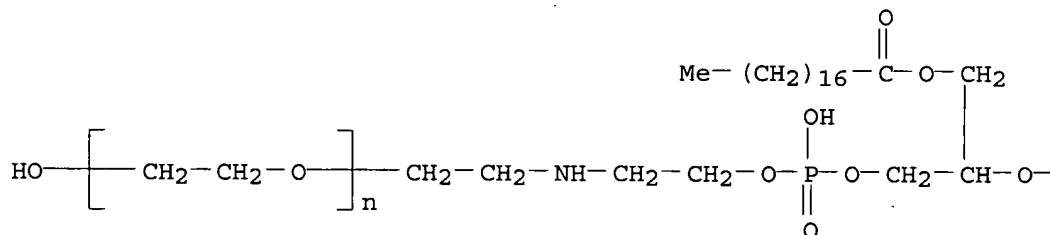


12 REFERENCES IN FILE CA (1962 TO DATE)

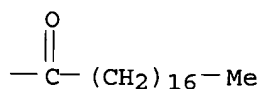
3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
12 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L20 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2003 ACS
RN 170931-04-1 REGISTRY
CN Poly(oxy-1,2-ethanediyl), .alpha.-[(10R)-7-hydroxy-7-oxido-13-oxo-10-[(1-oxooctadecyl)oxy]-6,8,12-trioxa-3-aza-7-phosphatriacont-1-yl]-.omega.-hydroxy- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Poly(oxy-1,2-ethanediyl), .alpha.-[7-hydroxy-7-oxido-13-oxo-10-[(1-oxooctadecyl)oxy]-6,8,12-trioxa-3-aza-7-phosphatriacont-1-yl]-.omega.-hydroxy-, (R)-
OTHER NAMES:
CN 1,2-Distearoyl-sn-glycero-3-phosphoethanolamine-N-[poly(ethylene glycol)]
CN **DSPE-PEG**
CN **PEG-DSPE**
CN Poly(oxy-1,2-ethanediyl), .alpha.-[7-hydroxy-13-oxo-10-[(1-oxooctadecyl)oxy]-6,8,12-trioxa-3-aza-7-phosphatriacont-1-yl]-.omega.-hydroxy-, P-oxide, (R)-
MF (C2 H4 O)_n C43 H86 N O9 P
CI PMS
PCT Polyether
SR CA
LC STN Files: ADISNEWS, BIOSIS, CA, CAPLUS, TOXCENTER, USPATFULL

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PAGE 1-B



49 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
50 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L20 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2003 ACS
RN 145035-96-7 REGISTRY
CN Poly(oxy-1,2-ethanediyl), .alpha.-[7-hydroxy-7-oxido-13-oxo-10-[(1-oxooctadecyl)oxy]-6,8,12-trioxa-3-aza-7-phosphatriacont-1-yl]-.omega.-hydroxy- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Poly(oxy-1,2-ethanediyl), .alpha.-[7-hydroxy-13-oxo-10-[(1-

oxooctadecyl)oxy]-6,8,12-trioxa-3-aza-7-phosphatriacont-1-yl]-.omega.-hydroxy-, P-oxide

OTHER NAMES:

CN Distearoylphosphatidylethanolamine-PEG

CN DSPE-PEG

CN PEG-DSPE

MF (C2 H4 O)_n C43 H86 N O9 P

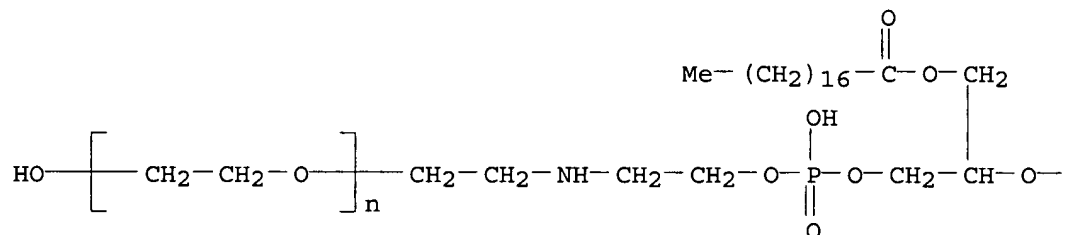
CI PMS, COM

PCT Polyether

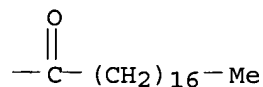
SR CA

LC STN Files: BIOSIS, CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

PAGE 1-A



PAGE 1-B



128 REFERENCES IN FILE CA (1962 TO DATE)

14 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

131 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> log hold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

60.40

66.95

SESSION WILL BE HELD FOR 60 MINUTES

L12 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS
 AN 1996:724086 CAPLUS
 DN 125:338691
 TI Skin irritation-free stable cosmetics containing amido-containing anionic
 surfactants
 IN Nishio, Hiroyuki; Tsubone, Kazuyuki
 PA Kanebo Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 08245365	A2	19960924	JP 1995-83305	19950314
PRAI	JP 1995-83305		19950314		
OS	MARPAT 125:338691				